

## Supplementary figure legends

Fig. S1: Sequence alignment of Dps-species occurring in the AAH-cluster. See also Fig. 1.

Fig. S2: Structure representation of the dodecameric AAH protein with one individual subunit color coded according to the sequence similarity shown in Fig. S1.

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gi|148272641|re|M I D T - V H V P T S S A S A D V A A G V A Q F L S P V V V N L Q A L A V N G K Q A H W H
gi|50954591|ref-- T D - I A A T Q S V S N P D V A A G V A Q F F A P V V I D L T A L V V N G K Q A H W H
gi|88855143|ref----- P Q T S A D P D V T S G V A Q F L G P V V T D L T A L S I D G K Q A H W H
gi|170781890|re|M I D T - V H V P T S S A S A D V A A G V A Q F L S P V V V N L Q A L A V N G K Q A H W H
gi|28493362|ref----- I M T T I L R E K N E T A L R V S Q F L G P I V V N L T A L S V D F K Q L H W H
gi|28572528|ref----- T T I L R E K N E T A L R V S Q F L S P I V V N L T A L S V D F K Q L H W H

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gi|28493362|ref|V R G G N F I A L H R L L D E I I D H A R E A A D V L A E R A V S V G V P V D G R I A S V
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gi|88855143|ref|A A K A T T P S M T A G F Q Q S D D V I A E V I A A I D A T L V T V R T A V D E L G E L D
gi|170781890|re|A A S T T T A A L T P G F R P S S A T I A E V I A Q I D A T M E L V N R A V Q E L G E I D
gi|28493362|ref|A A E T S T P A V P E G F I N S E Q A V D I A V A Q L D A V L L V I G E A I E N P S L L D
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cons * . : : * . : . * * . : : : * * . : : : * : . . : : *

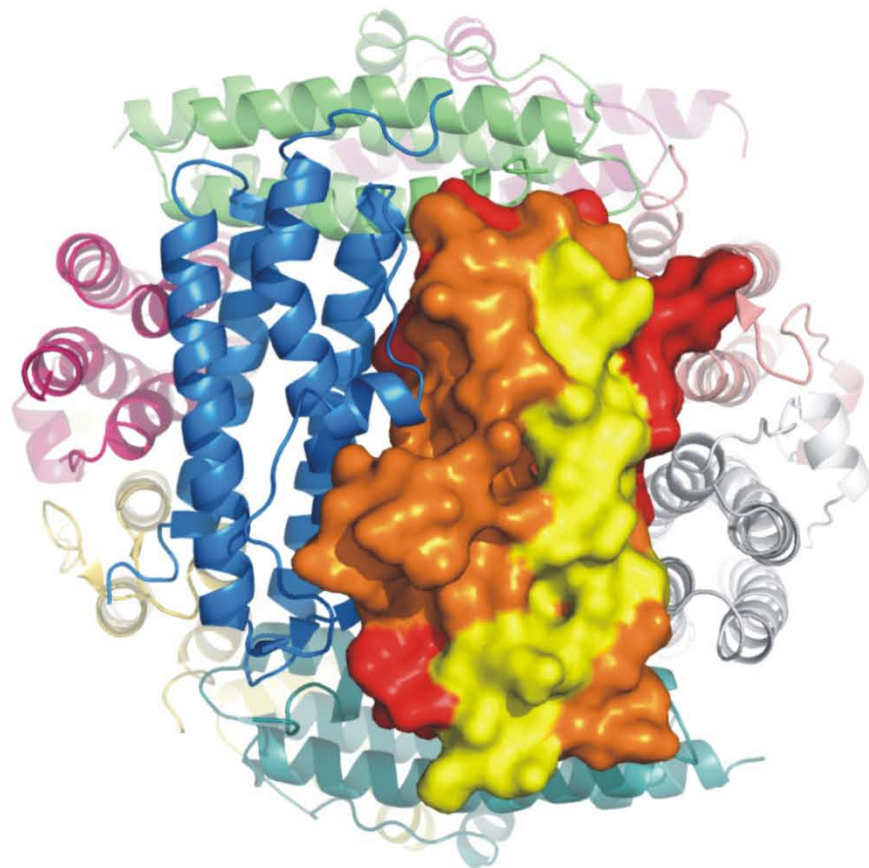
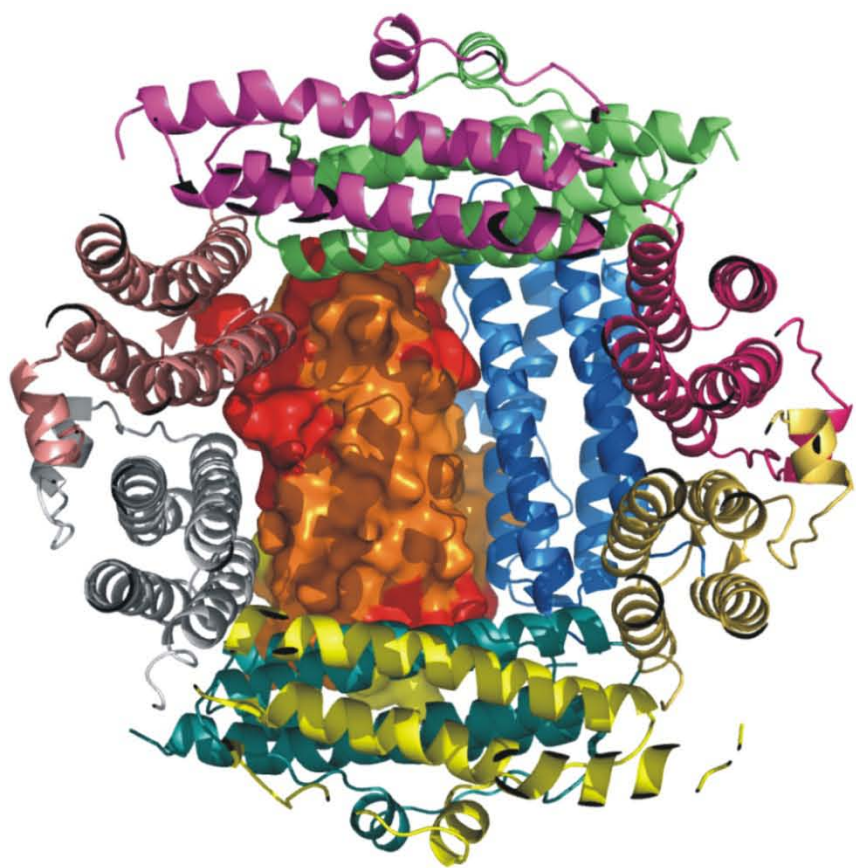
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gi|50954591|ref|Q T S Q D V A I E I A R G L D K D R W F L F A H I S E
gi|88855143|ref|K V S E D V A I E I A R G L E K D R W F L F A H L A -
gi|170781890|re|V N S Q D V A I E I A R G L E K D R W F L F A H I S E
gi|28493362|ref|A A S Q D A V I E V A R T L D K D R W F L L A H - - -
gi|28572528|ref|A A S Q D A V I E V A R T L D K D R W F L L A H - - -

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Fig. S1



**Fig. S2**